

02/06/02  
JC928 U.S. PTO

UTILITY PATENT APPLICATION TRANSMITTAL

(New Nonprovisional Applications Under 37 CFR § 1.53(b))

Attorney Docket No.  
RR-1749

TO THE ASSISTANT COMMISSIONER FOR PATENTS:

Transmitted herewith is a patent application identified as follows:

Inventors: Hugh Craig Hiner, Kyusik Sin, Shin Funada, Xizeng Shi and  
Hua-Ching Tong.

Title: SPIN DEPENDENT TUNNELING BARRIERS FORMED WITH A  
MAGNETIC ALLOY

(X) Original Patent Application.

Enclosed are:

- 17 page Specification
- 6 pages of Claims
- 4 sheets Drawings
- 1 page Abstract
- 1 page Certification of no Intent to Foreign File and Request Not to Publish
- 3 page signed Declaration & Power of Attorney
- 5 page Assignment of Patent Application
- 1 page Assignment Recordation cover sheet
- (X) stamped, self-addressed postcard
- (X) check in the amount of \$1086.00

CLAIMS AS FILED				
FOR	NO. FILED	NO. EXTRA	RATE	FEE
Total Claims	37	17	\$18.00	\$ 306.00
Independent Claims	3	0	\$78.00	\$ 0.00
Multiple Dependent Claims (if applicable)				\$0.00
Assignment Recording Fee				\$40.00
Basic Filing Fee				\$740.00
Total Filing Fee				\$1086.00


I hereby certify that this is being deposited with the U.S. Postal Service "Express Mail Post Office to Addressee" service under 37 CFR § 1.10 on the date indicated below and is addressed to: Box PATENT APPLICATION, Assistant Commissioner for Patents, Washington, DC 20231.

  
Mark Lauer

Date of Deposit: 2-6-02

Express Mail Label No.: EL928365972US

Respectfully submitted,

  
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02/11/02  
JC996 U.S. PTO  
10/071798  
02/06/02

**REQUEST AND CERTIFICATION  
UNDER  
35 U.S.C. 122(b)(2)(B)(i)**

First Named Inventor

Hugh Craig Hiner

Title

SPIN DEPENDENT TUNNELING  
BARRIERS FORMED WITH A  
MAGNETIC ALLOY

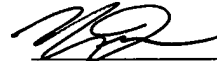
Attorney Docket No.

RR-1749

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

Date:

2-6-02



Mark A. Lauer

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral agreement, that requires publication at eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of such foreign or international application. **Failure to do so will result in abandonment of this application [35 U.S.C. 122(b)(2)(B)(iii)].**

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